



Patent  
Attorney Docket No. 1027260-000515

1027260-000515

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
Hirofumi Totsuka et al. ) Group Art Unit: 2664  
Application No.: 10/081,234 ) Examiner: WELLINGTON CHIN  
Filing Date: February 25, 2002 ) Confirmation No.: 3853  
Title: AN OPTICAL TRANSCEIVER, A )  
MULTIPLEXING INTEGRATED )  
CIRCUIT, A DEMULTIPLEXING )  
INTEGRATED CIRCUIT, AN )  
INTEGRAL )  
MULTIPLEXING/DEMULITPLEXING )  
INTEGRATED CIRCUIT, AND A )  
METHOD FOR EVALUATING AND )  
TESTING THE OPTICAL )  
TRANSCEIVER )

THIRD  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: August 18, 2006

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.

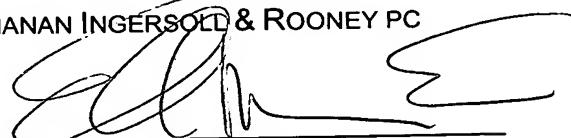
Information Disclosure Statement Transmittal Letter  
Application No. 10/081,234  
Attorney's Docket No. 1027260-000515  
Page 2

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

By:

  
Ellen Marcie Emas  
Registration No. 32131

Date August 18, 2006

P.O. Box 1401  
Alexandria, VA 22313-1404  
703 836 6620



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In re Patent Application of )  
Hirofumi Totsuka et al. ) Group Art Unit: 2664  
Application No.: 10/081,234 ) Examiner: WELLINGTON CHIN  
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For: AN OPTICAL TRANSCEIVER, A )  
MULTIPLEXING INTEGRATED CIRCUIT, )  
A DEMULTIPLEXING INTEGRATED )  
CIRCUIT, AN INTEGRAL )  
MULTIPLEXING/DEMULITPLEXING )  
INTEGRATED CIRCUIT, AND A METHOD )  
FOR EVALUATING AND TESTING THE )  
OPTICAL TRANSCEIVER )

**THIRD INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: August 18, 2006

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information was cited in a corresponding Japanese application on August 1, 2006 and is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application.

THIRD Information Disclosure Statement  
Application No. 10/081,234  
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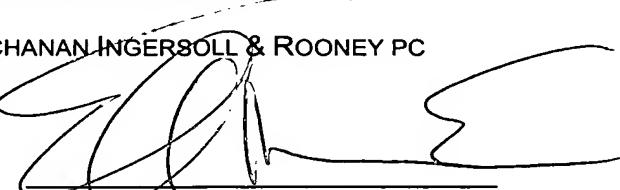
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: August 18, 2006

By:

  
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703 836 6620



**THIRD  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/081,234
Filing Date	February 25, 2002
First Named Inventor	Hiroyuki Totsuka et al.
Examiner Name	WELLINGTON CHIN
Attorney Docket No.	1027260-000515

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Japanese Office Action dated August 1, 2006.

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.